diameter, said roller has a roller length, each said resilient member having a radial rigidity, said radial rigidity of each said resilient member varying over said roller length; and

a circumferential surface positioned over said base body, said circumferential surface contacting the material web, said circumferential surface being one of integral with and separate from said at least one resilient member.

A1

3. (Amended) A roller for winding of a material web thereon, said roller having two roller ends and a mid-roller area, said roller having a maximum winding diameter associated therewith, said roller comprising:

a base body varying in diameter from said mid-roller area to each of said two roller ends in a substantially parabolic manner;

at least one resilient member, said at least one resilient member being at least one of a resilient layer applied to at least sections of said body and at least one resilient element positioned on said base body, said at least one resilient member being positioned and configured so as to make said roller radially more resilient near each of said roller ends than in said mid-roller area in order to at least partially compensate for a deflection of said base body at the maximum winding diameter, said roller having a roller axis, said roller and said roller axis having a roller length, each said resilient member having a radial thickness, said radial thickness of each said resilient member varying over said roller length and said roller axis; and

a circumferential surface positioned over said base body, said circumferential surface contacting the material web, said circumferential surface being one of integral with and separate from said at least one resilient member.

A2